Measurement

THOMSON PRESS

Level 3
Age: 6–7

BULBUL
ACTIVITY BOOK

Bulbul Activity Book

Measurement

This Bulbul Activity Book has been prepared by Indi Rana, who has worked as editor and author of text books for children in New York, and San Francisco. It is illustrated by Rakesh Kumar.

Note to Parents or Teacher

Bulbul Activity Books are based on the premise that children learn better through their own experience and activity rather than by being taught or told answers in a lesson in which the child has only a passive role.

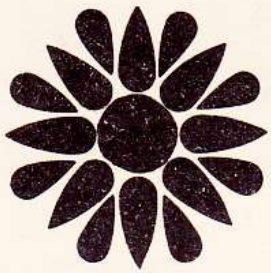
This Bulbul Activity Book has been prepared to introduce your child to the basic concepts needed to understand measurement.

These concepts are repeated over and over in a lively manner within these 32 pages of activity, in keeping with modern educational theory. Eventually the child will grasp the concepts him or herself.

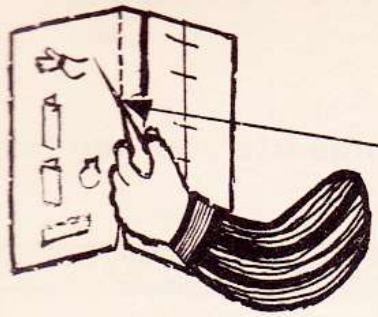
If the child is able to read whole sentences he or she should be left alone with the book. If the child cannot yet read enough, the parent or teacher is encouraged to read only the minimum needed, that is, the questions and instructions, and is advised not to provide any answers, assisting the child only where the child is really perplexed.

The illustrations are in line only. The child should be encouraged to colour in each page. This will be a repetition which is essential to good learning.

By the time the child finishes this book he or she should have little trouble understanding the concept of measurement.



Make a unit stick

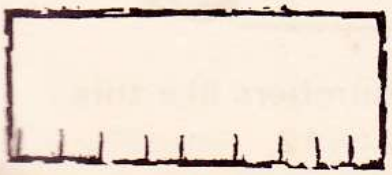


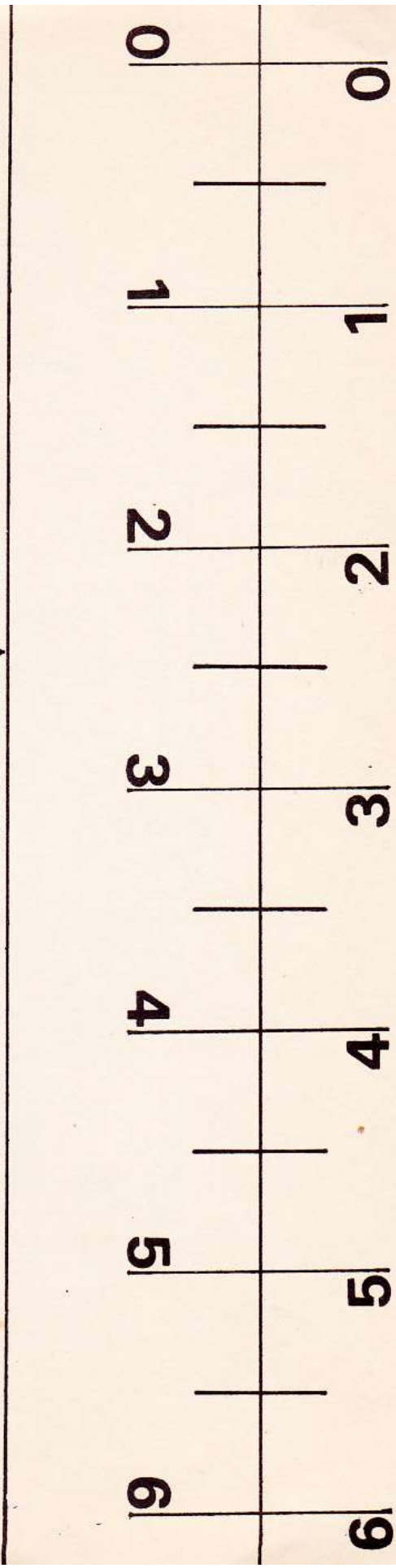
cut

turn

paste

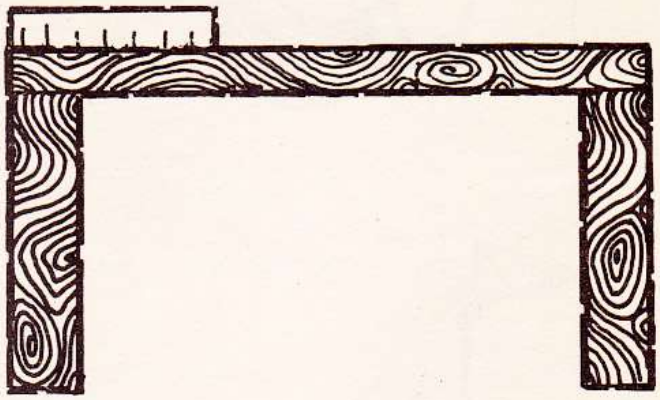
finished unit stick





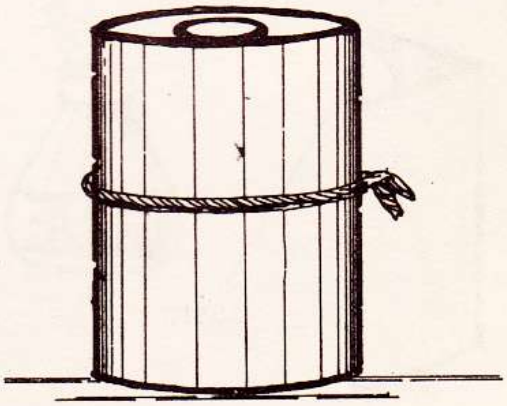
How to use your unit stick

For straight things use your unit stick.

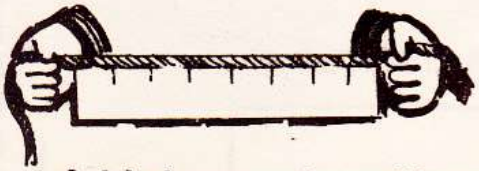


Just add the numbers like this :
5 + 5 + 5 = 15

For curvy things use a string.



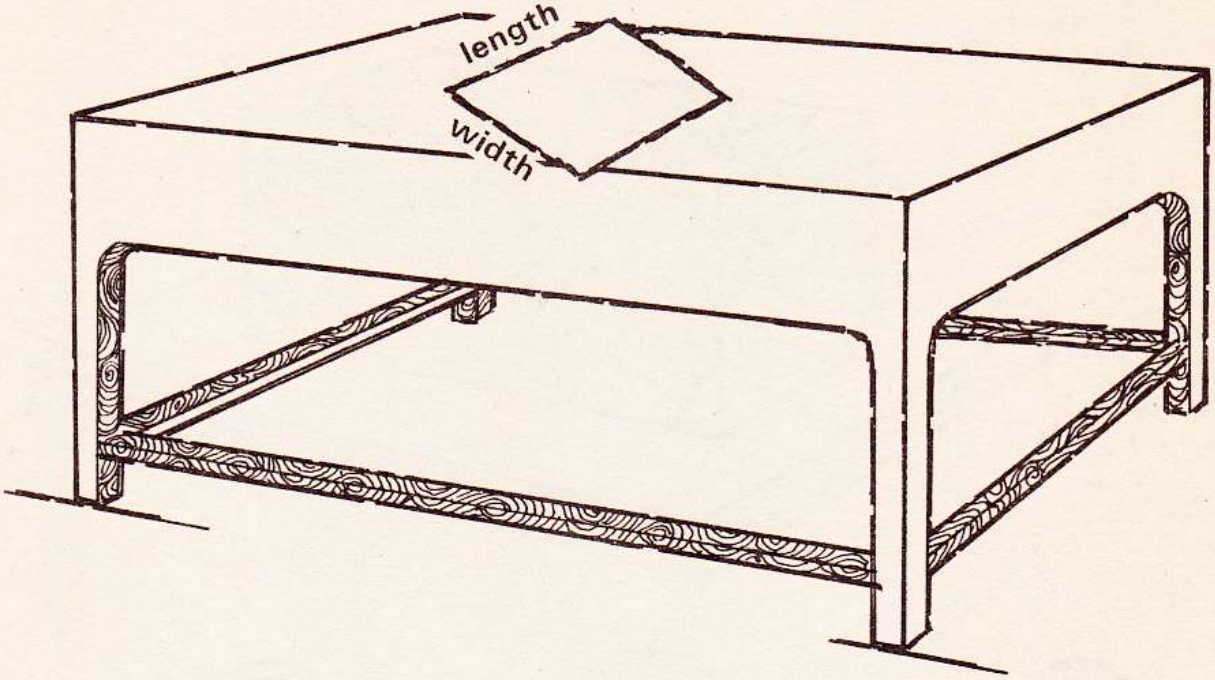
Measure the string on the unit stick

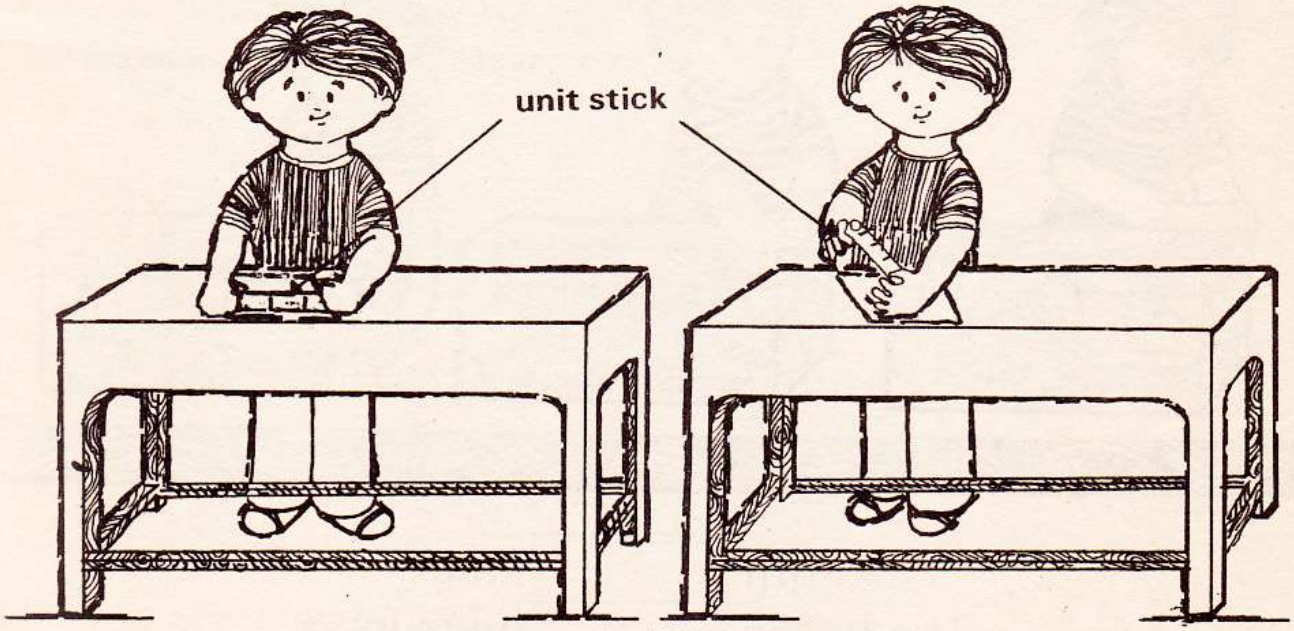


Add the numbers like this :
5 + 5 + 2 = 12

Measure a square

Use your unit stick.
Fill in the boxes.

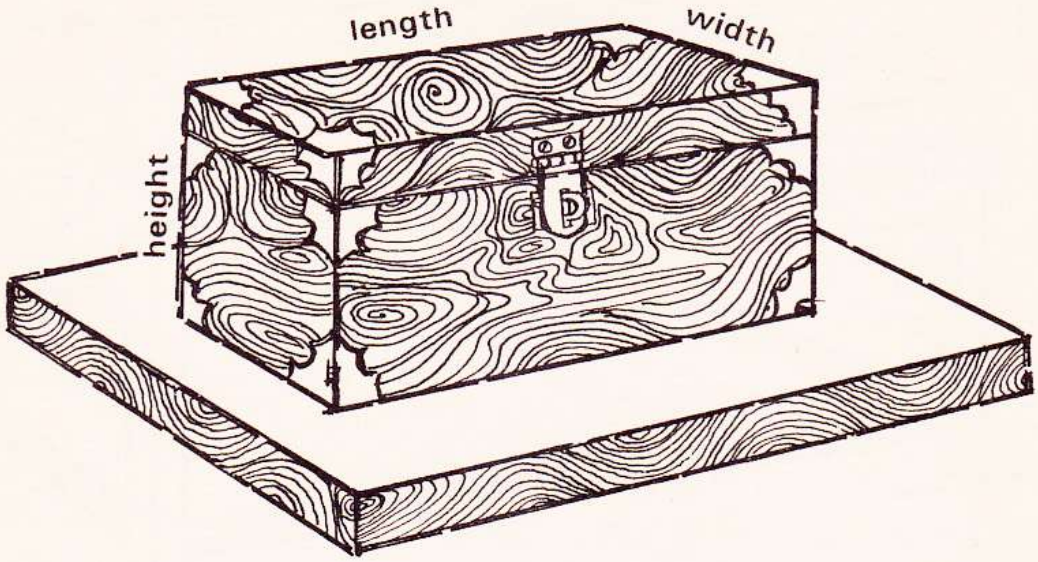


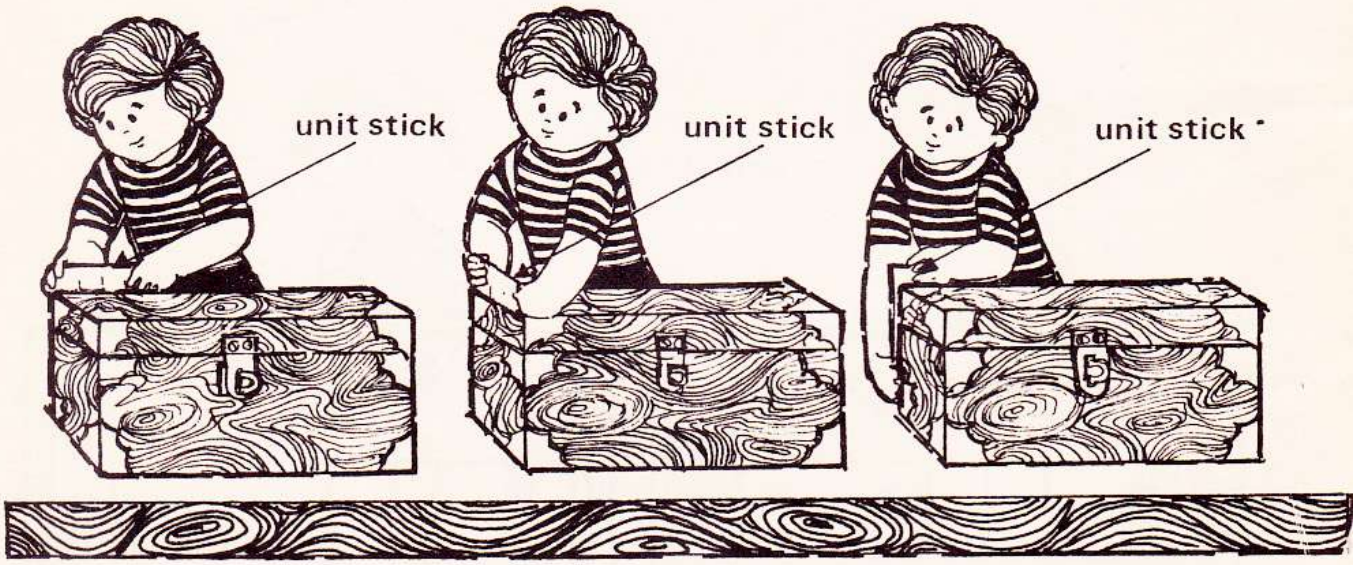


Length =		units
The square is		units long
Width =		units
The square is		units wide

Measure a box

Use your unit stick.
Fill in the boxes.

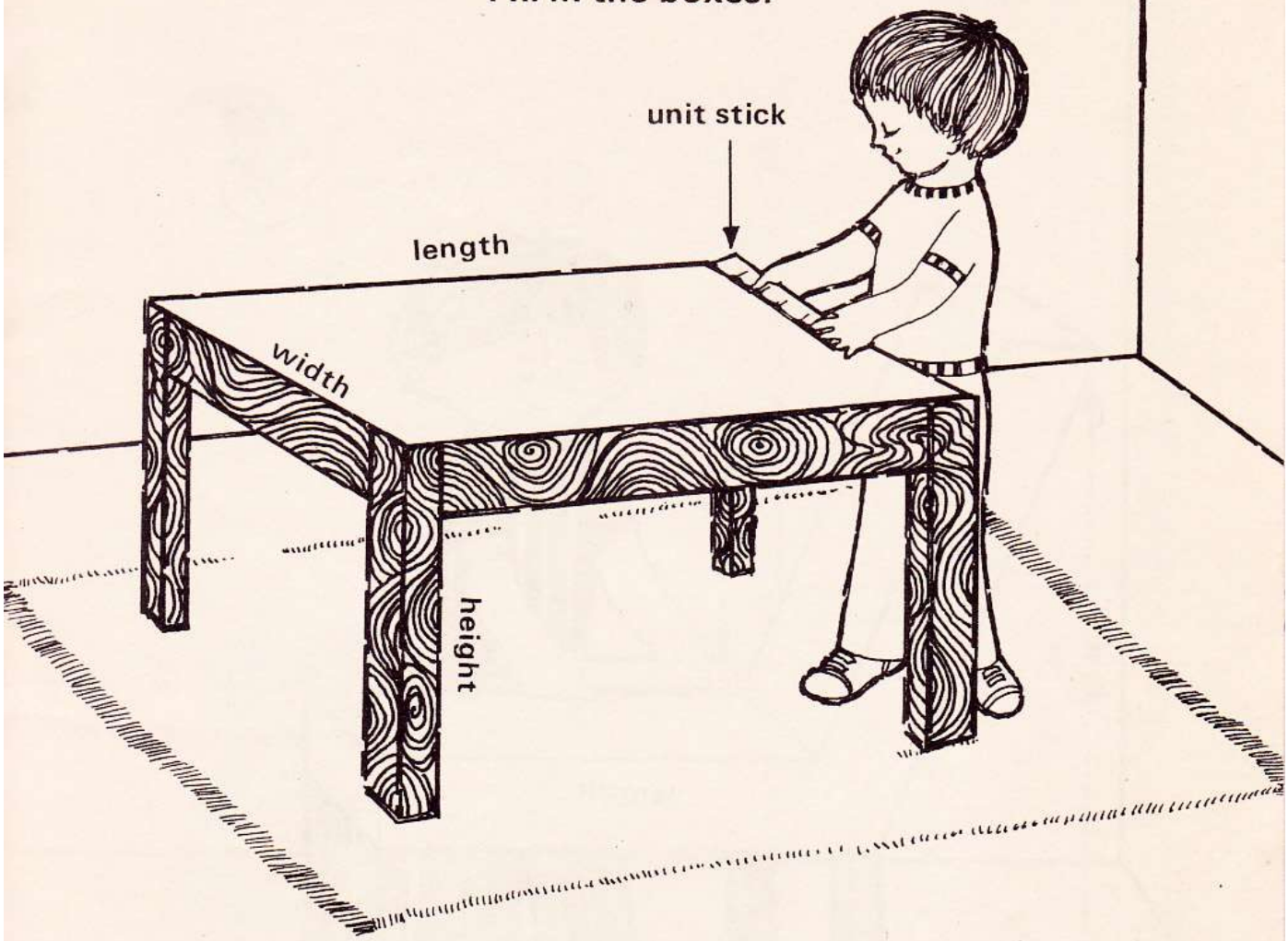




Length =		units
The box is		units long
Width =		units
The box is		units wide
Height =		units
The box is		units high

Measure a table

Use your unit stick.
Fill in the boxes.



Length = ☐ units

The table is ☐ units long

Width = ☐ units

The table is ☐ units wide

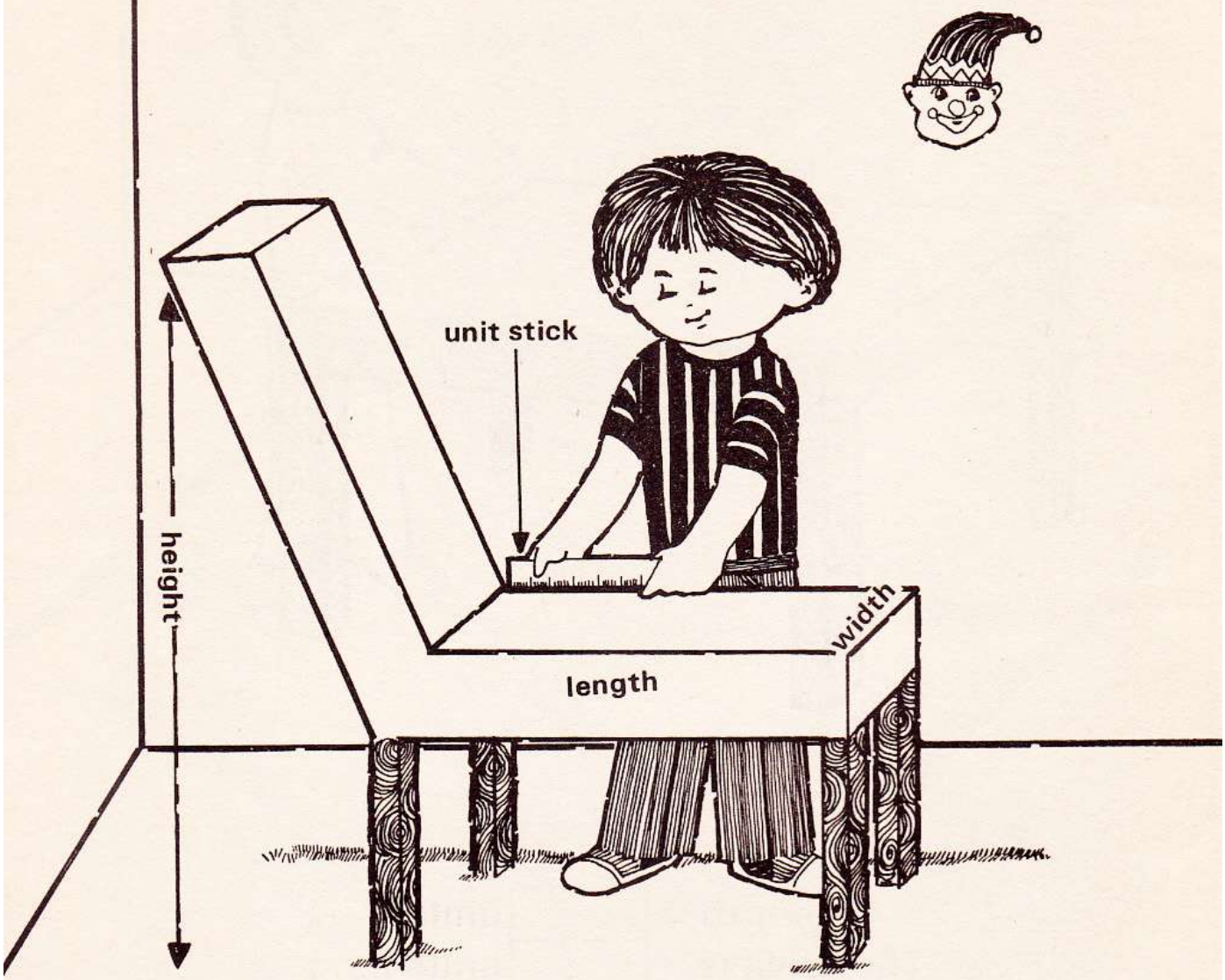
Height = ☐ units

The table is ☐ units high

Is the height of the table the same as the height of the leg ? ☐

Measure a chair

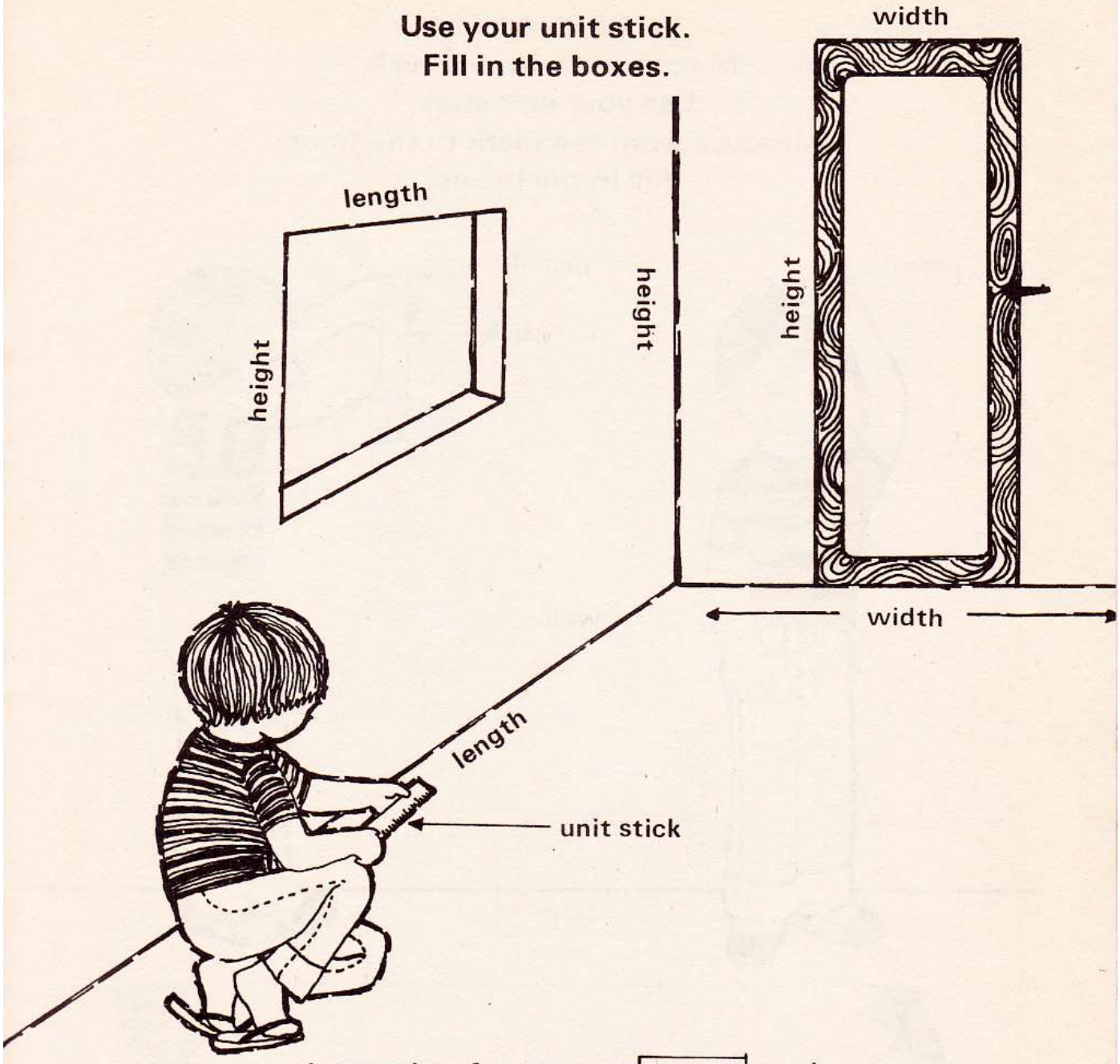
Use your unit stick.
Fill in the boxes.



Length =		units
The chair is		units long
Width =		units
The chair is		units wide
Height =		units
The chair is		units high

Measure your room

Use your unit stick.
Fill in the boxes.



Length of room = ☐ units

Width of room = ☐ units

Height of room = ☐ units

Width of door = ☐ units

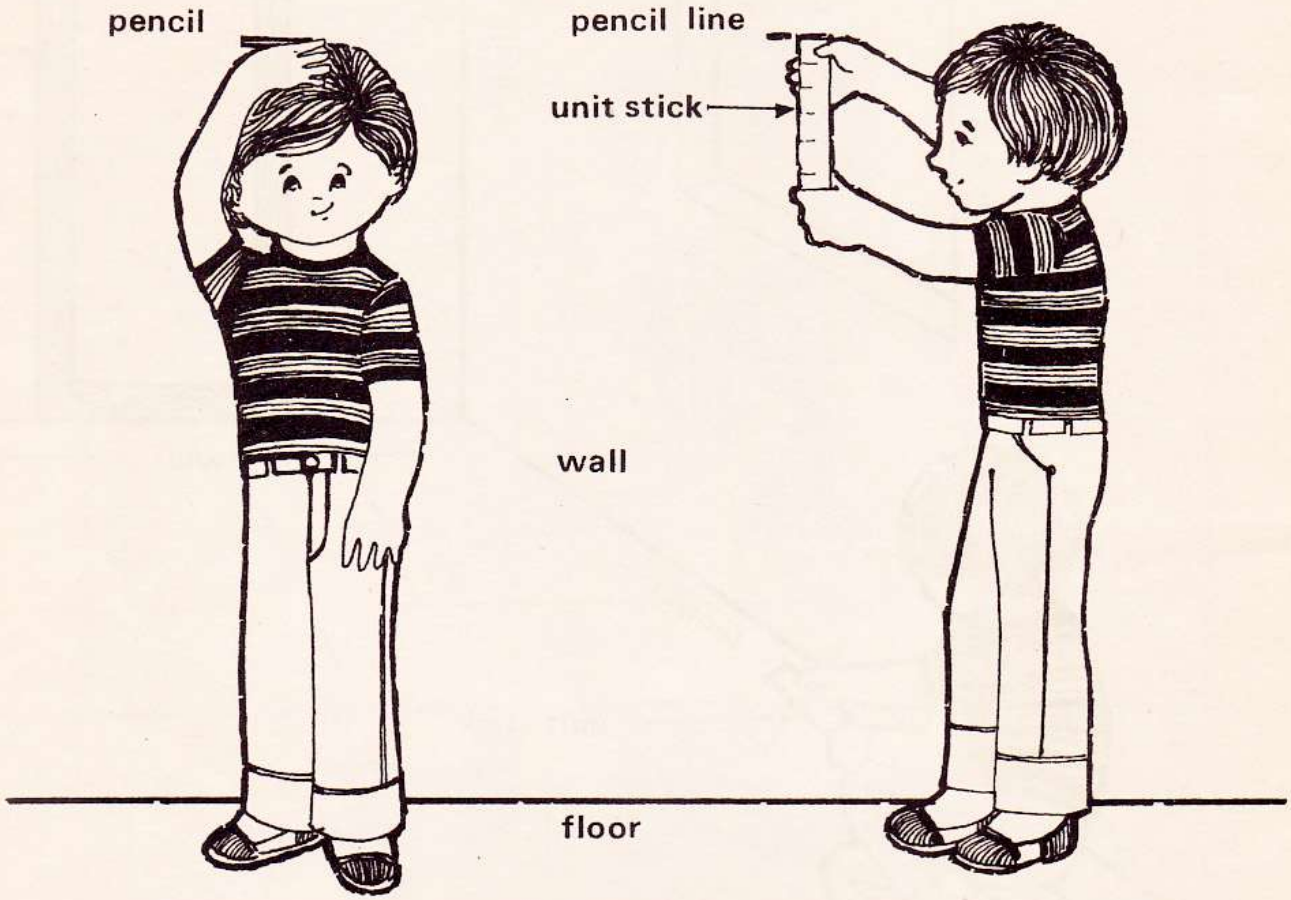
Height of door = ☐ units

Width of window = ☐ units

Height of window = ☐ units

Measure your height

Use a pencil.
Make a mark on the wall.
Use your unit stick.
Measure from the mark to the floor.
Fill in the boxes.

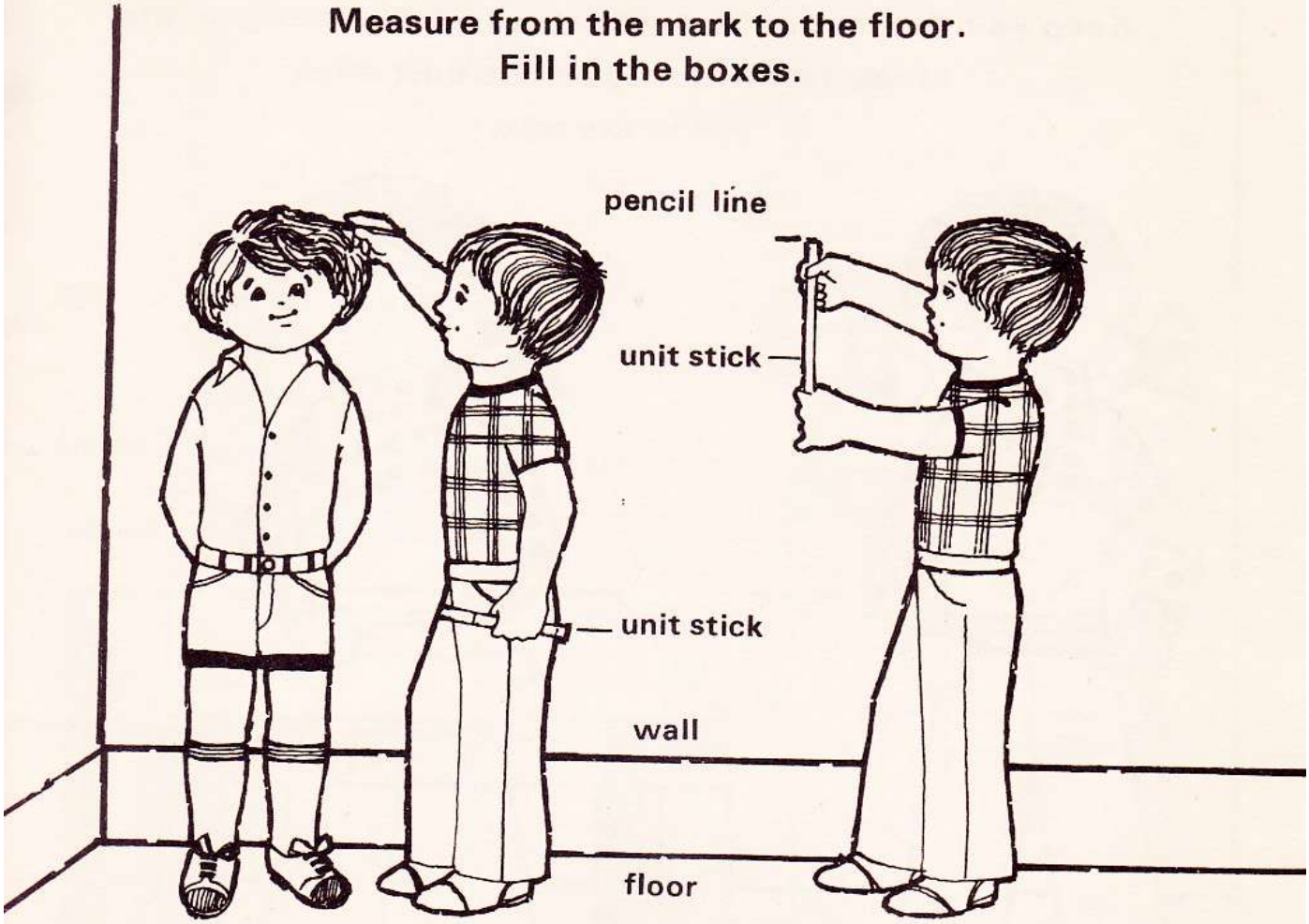


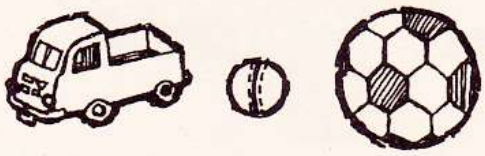
My height = ☐ units

I am ☐ units high

Measure your friend's height

Use a pencil.
Make a mark on the wall above your friend's head.
Measure from the mark to the floor.
Fill in the boxes.





My friends height = ☐ units

He is ☐ units high

I am ☐ units

My friend is ☐ units

I am shorter/taller than my friend.

Measure Your Waist

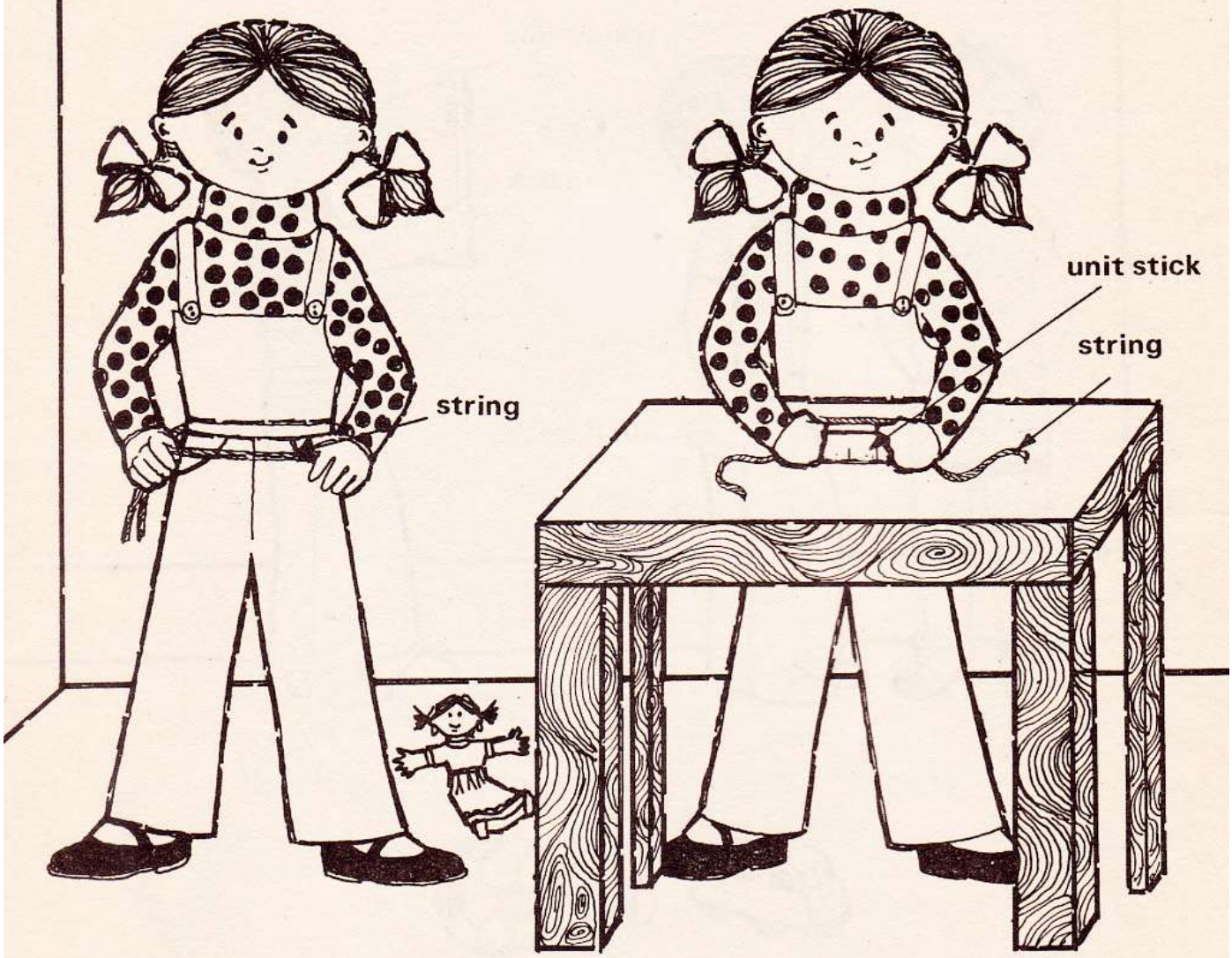
Use a string.

Put it around your waist.

Keep your finger on the point at which the string meets.

Measure the string on the unit stick.

Fill in the box.



My waist = ☐ units

Measure Your Head

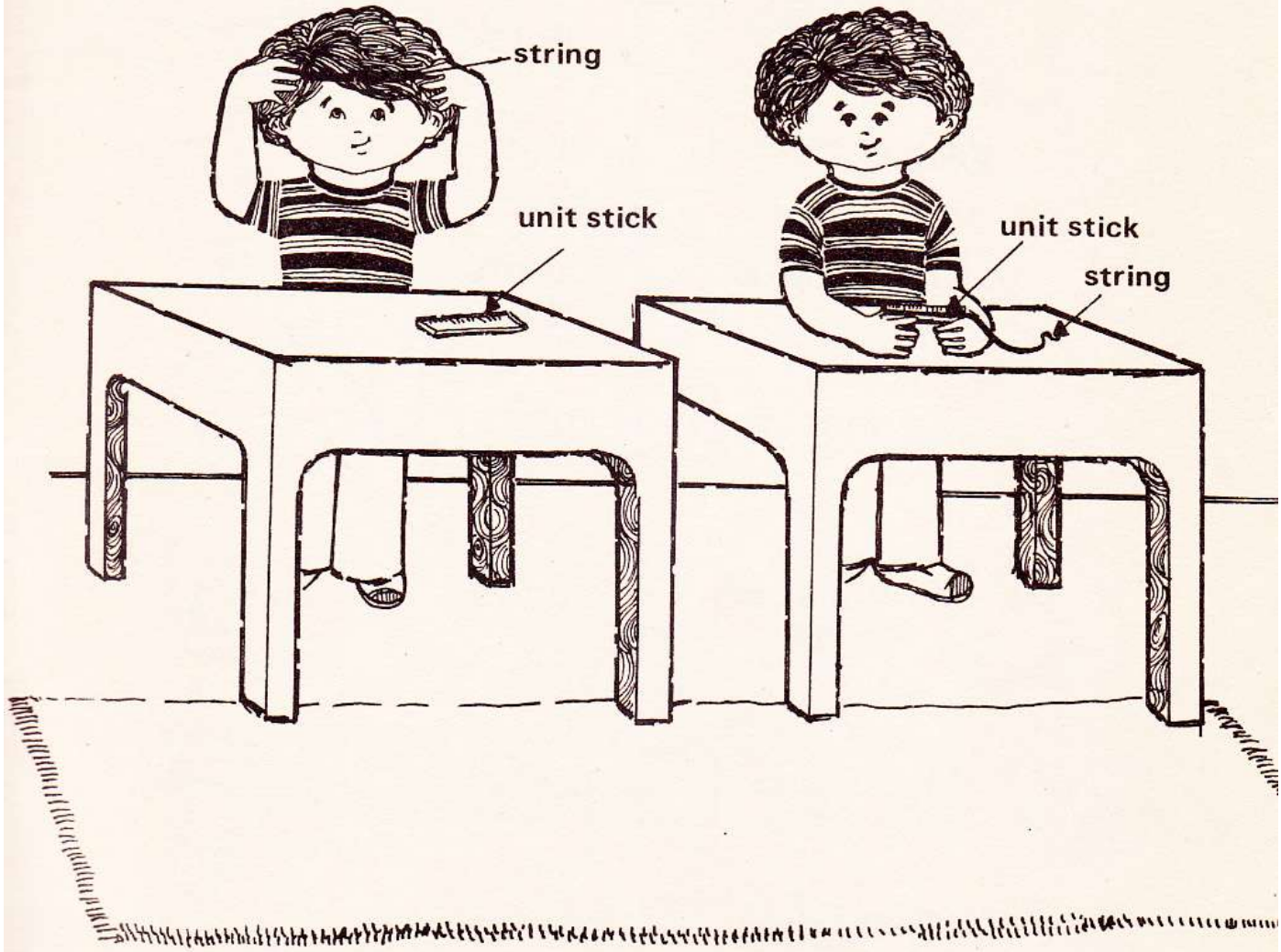
Use a string.

Put it around your head.

Keep your finger on the point at which the string meets.

Measure the string on the unit stick.

Fill in the box.



My head = ☐ units

Your measurements

My head = ☐ units

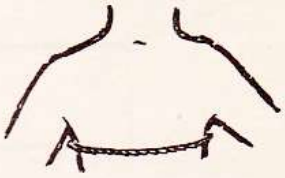
My neck = ☐ units

My arm = ☐ units

My wrist = ☐ units

My finger = ☐ units

My chest = ☐ units



My waist = ☐ units

My hips = ☐ units

My thigh = ☐ units

My calf = ☐ units

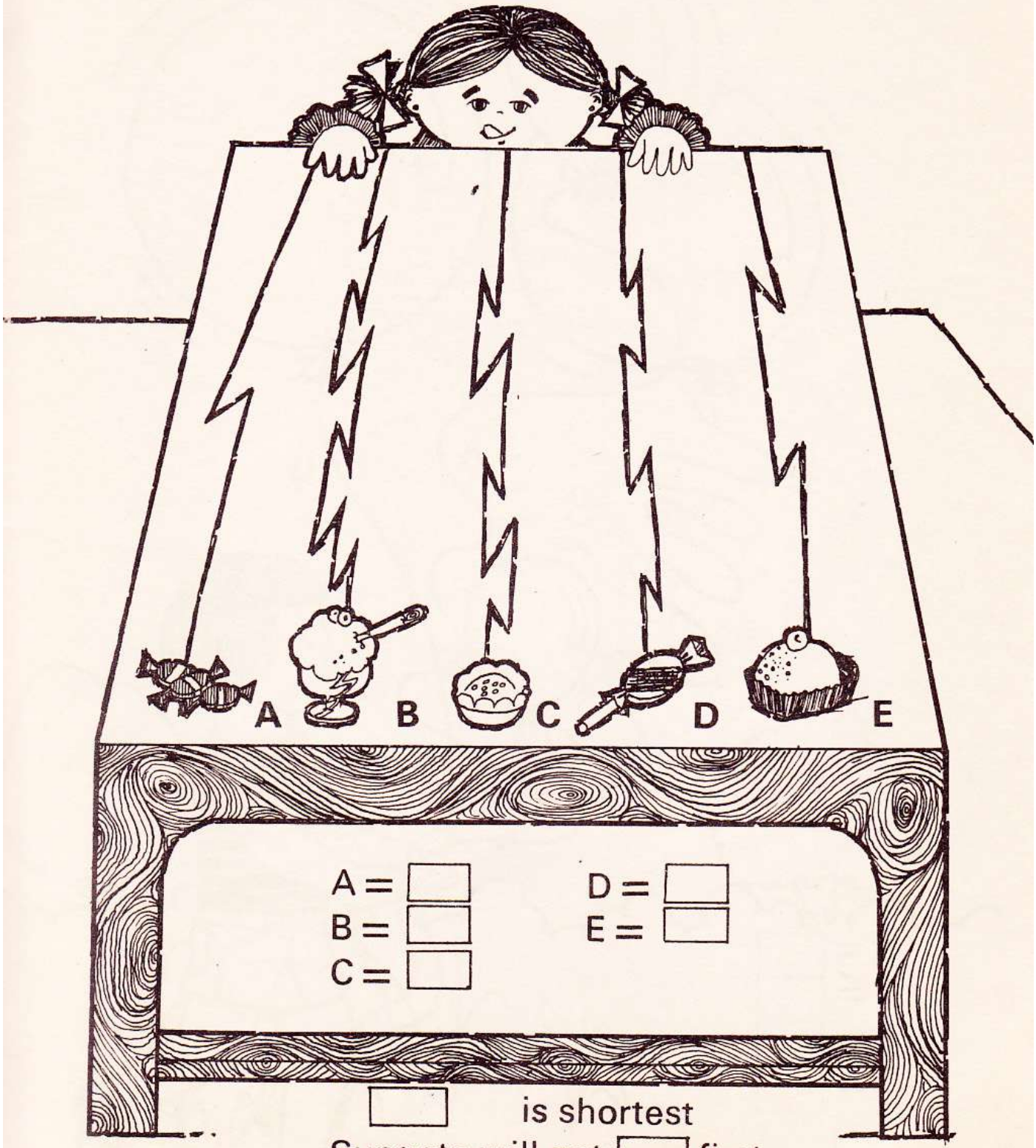
My foot = ☐ units

Which dish will Suneeta get first?

Keep your finger on the string on the point at which the line ends.

Measure the string on the unit stick.

Fill in the boxes.



A = ☐ D = ☐

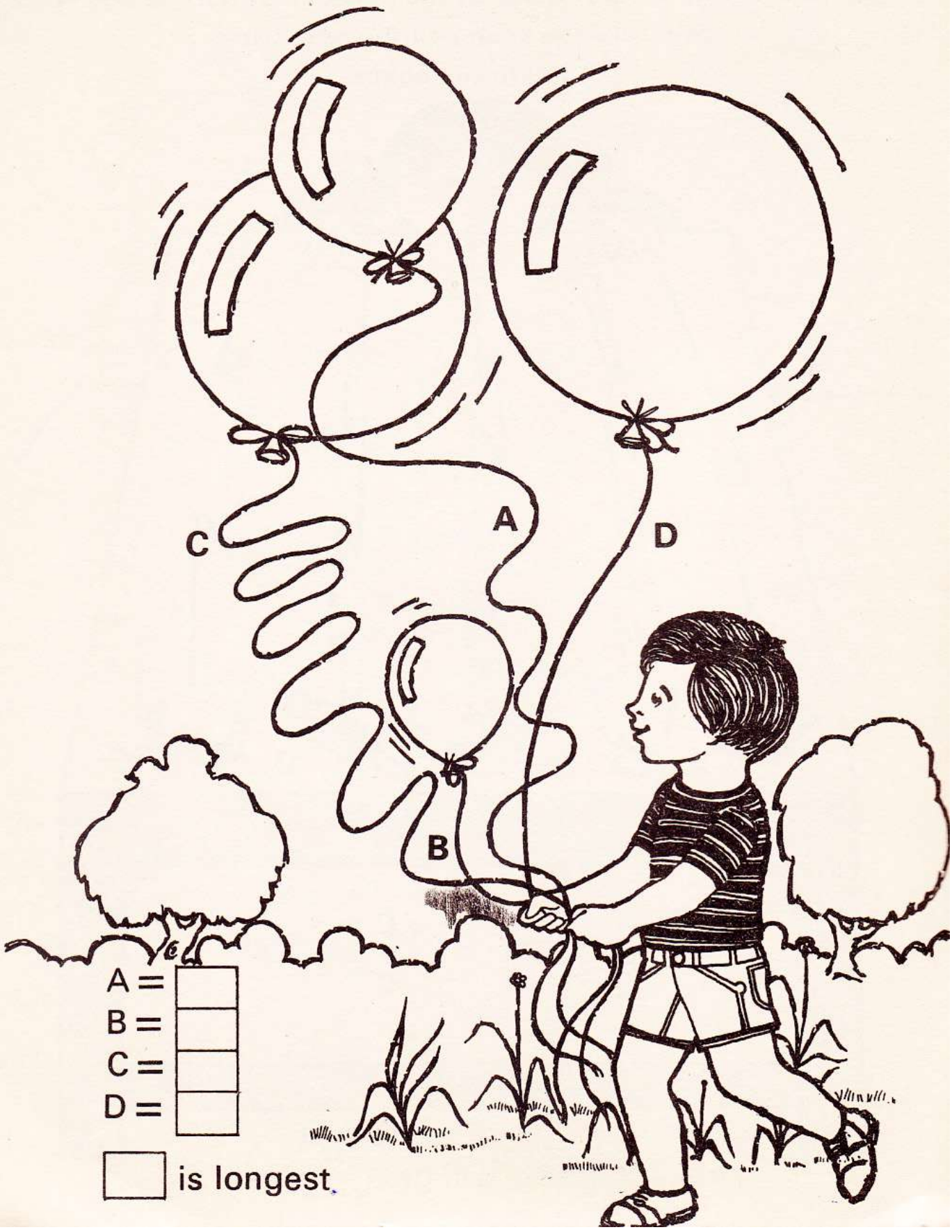
B = ☐ E = ☐

C = ☐

☐ is shortest

Suneeta will get ☐ first

Which string is longest?



A = ☐

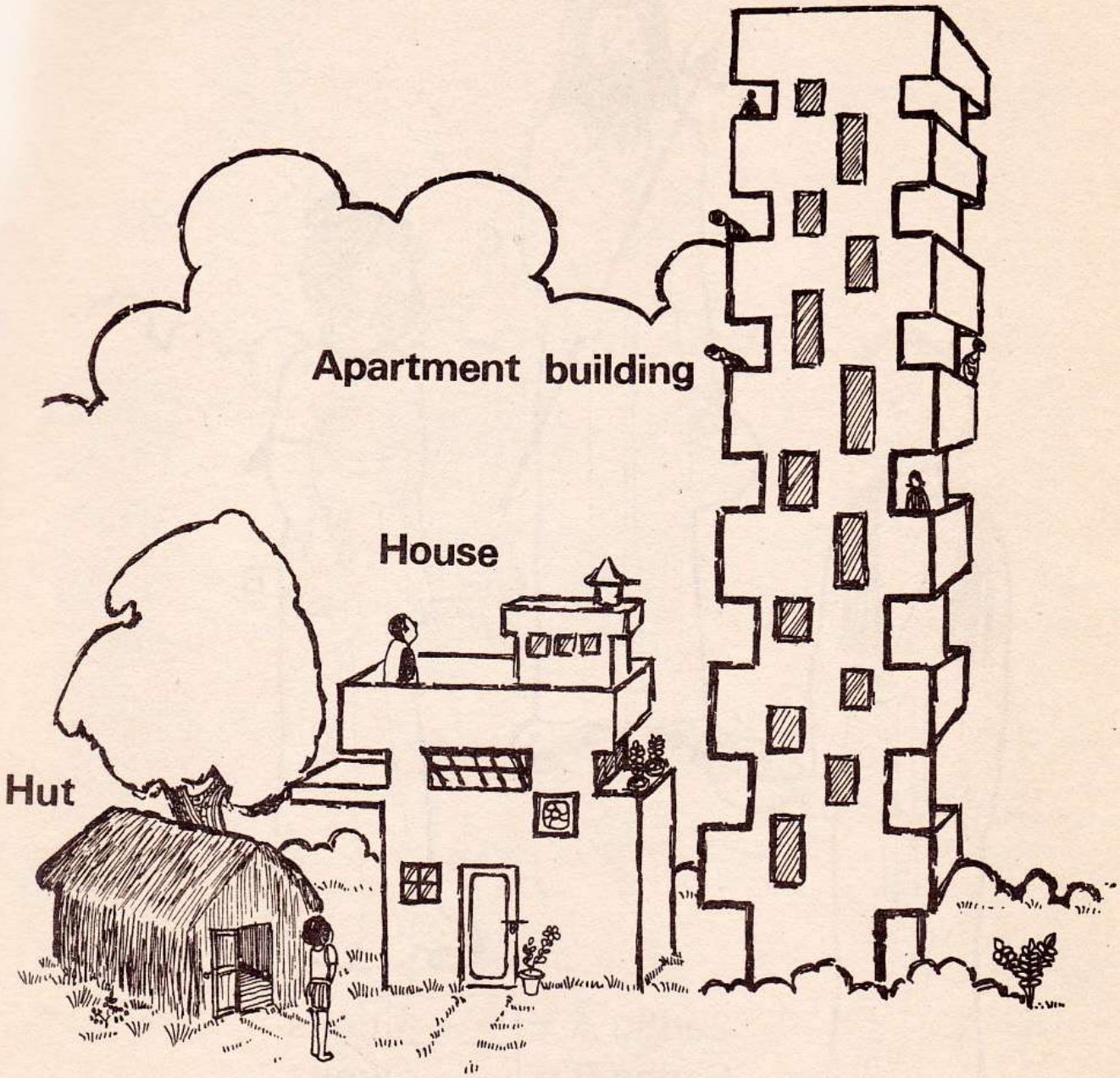
B = ☐

C = ☐

D = ☐

☐ is longest.

Measure these buildings



The apartment building = ☐ units

The house = ☐ units

The hut = ☐ units

Did you need string to measure these ? ☐

Which sadhu is tallest?

Sadhu A = ☐ units

Sadhu B = ☐ units

Sadhu C = ☐ units

Who looks tallest ? ☐

Who is tallest ? ☐

Did you need string to measure these ? ☐

Which leash is longest?

Which leash is longest ? ☐

Did you need a string to measure these ? ☐

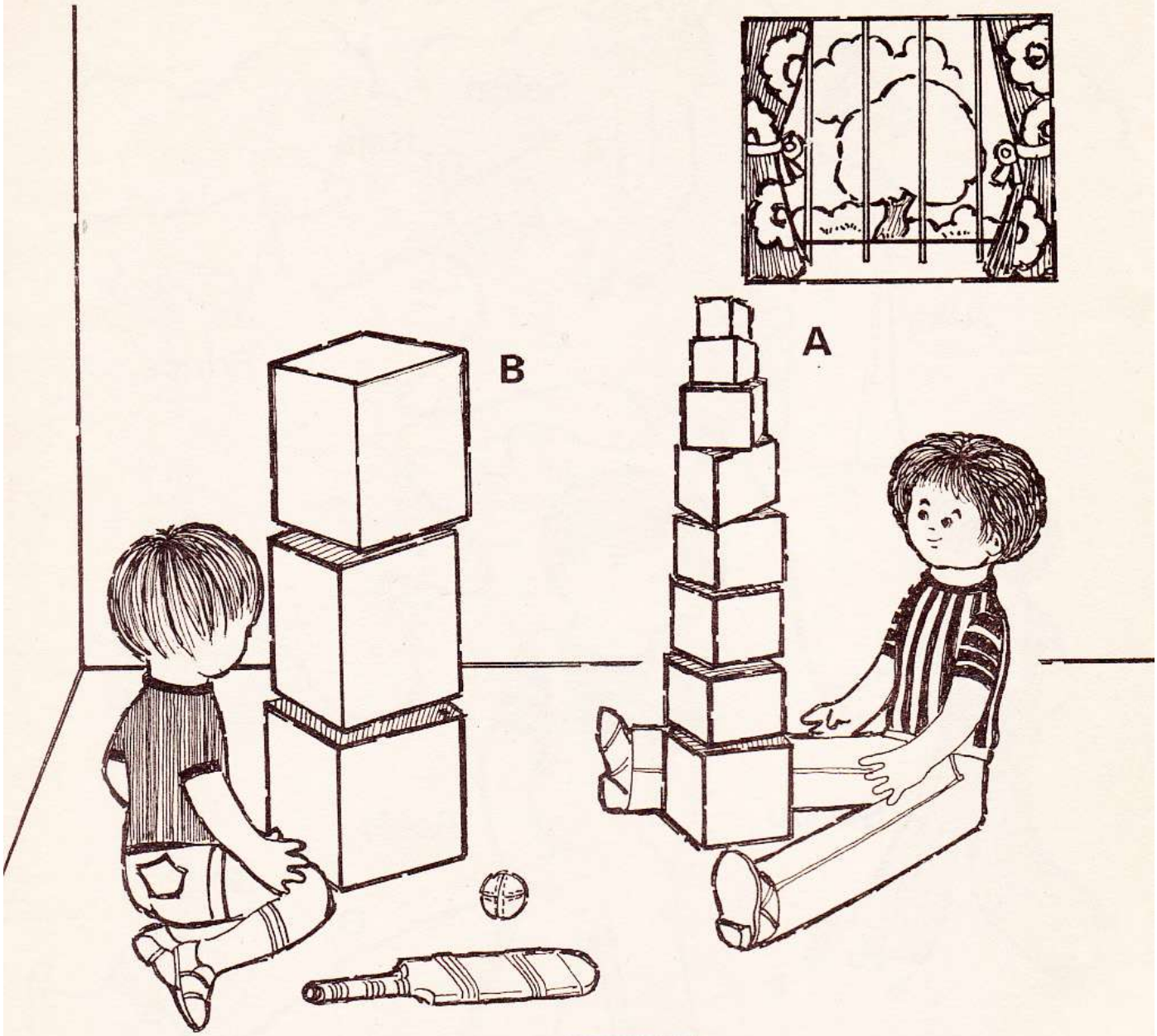
Leash A = ☐ units

Leash B = ☐ units

Leash C = ☐ units

Leash D = ☐ units

Measure the height



Tower A = ☐ units

Tower B = ☐ units

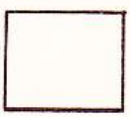
Which tower is taller ? ☐

Which tower has more blocks ? ☐

Which tower has bigger blocks ? ☐

Did you need a string to measure these ? ☐

Do you need string
to measure cloth?



Match the pairs

The pictures on the right show measuring tools.

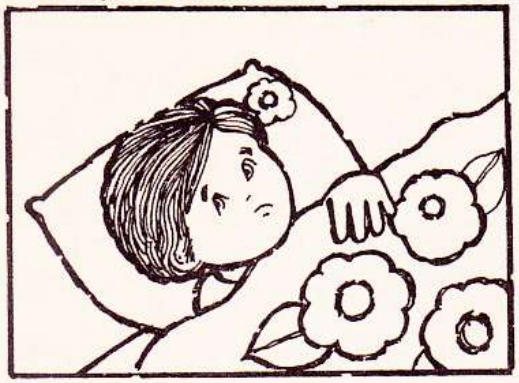
The pictures on the left show things which can be measured.

Can you tell what measures what ?

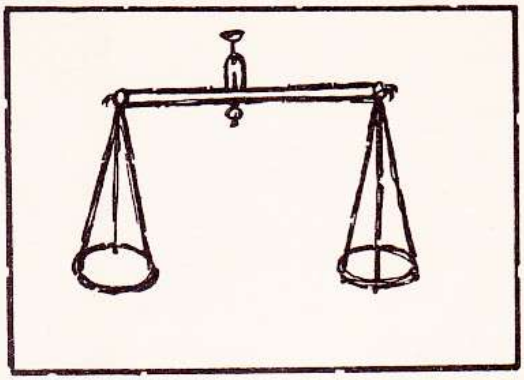
A = ☐ C = ☐

B = ☐ D = ☐

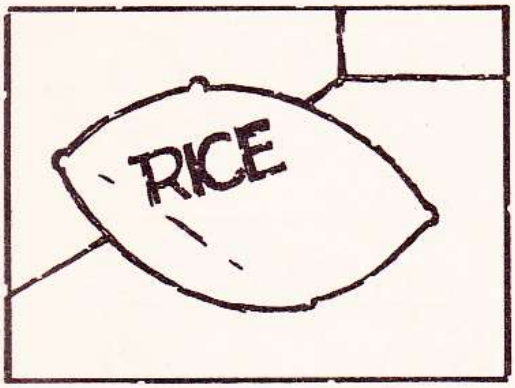
A



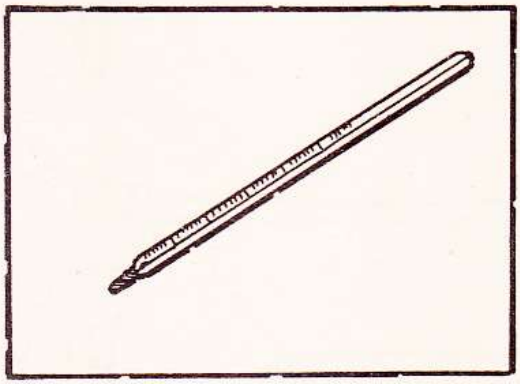
1



B

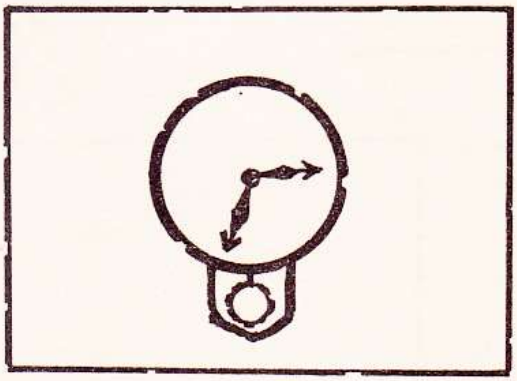


2

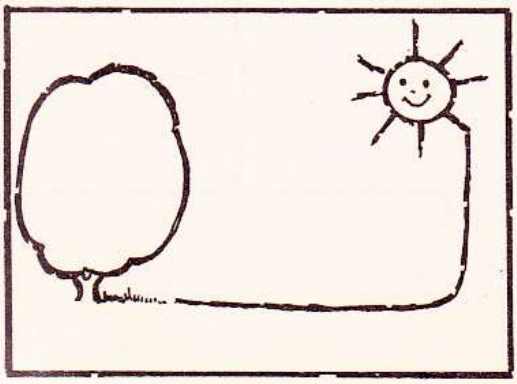


C

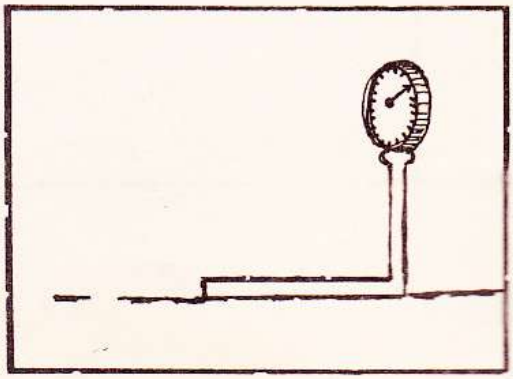
3



D



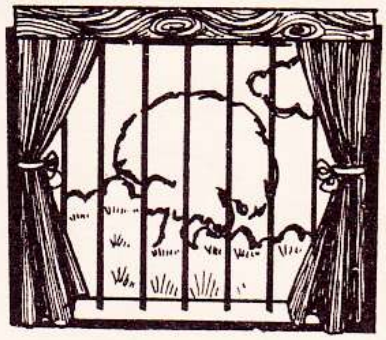
4

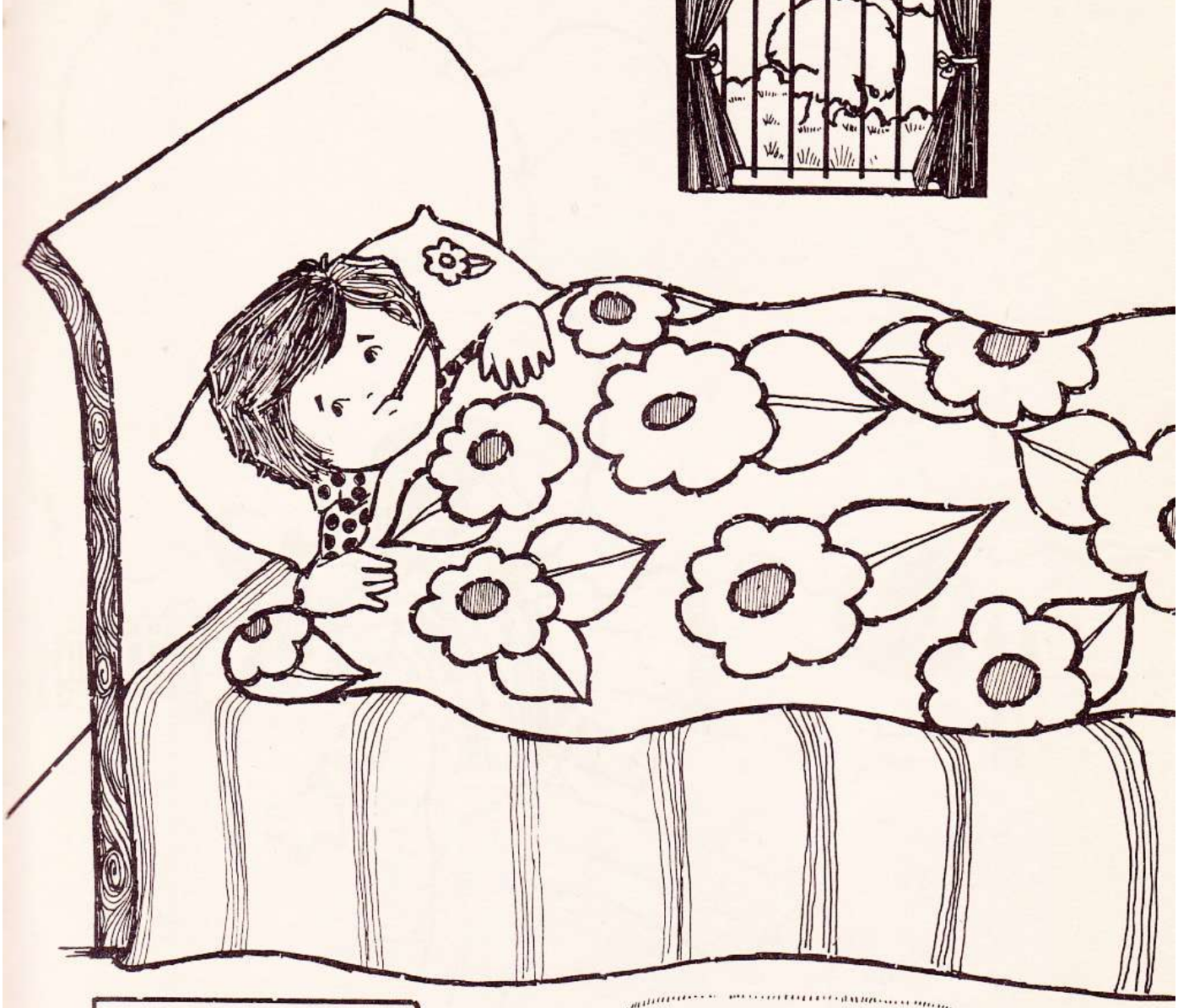


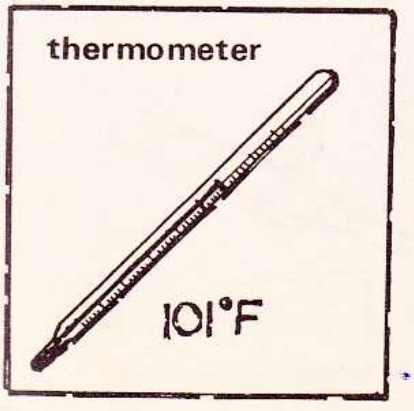
Measure the temperature

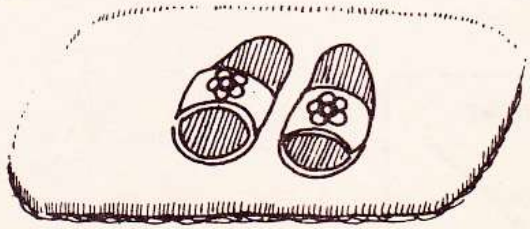
Gopi is sick.

What is his temperature ?









Gopi's temperature is ☐ units.

Measure the temperature

Gopi is well.

What is his temperature ?

Gopi's temperature is ☐ units.

Measure the weight

What does Seth Kishori Mall's rice weigh ?

The rice weighs ☐ units

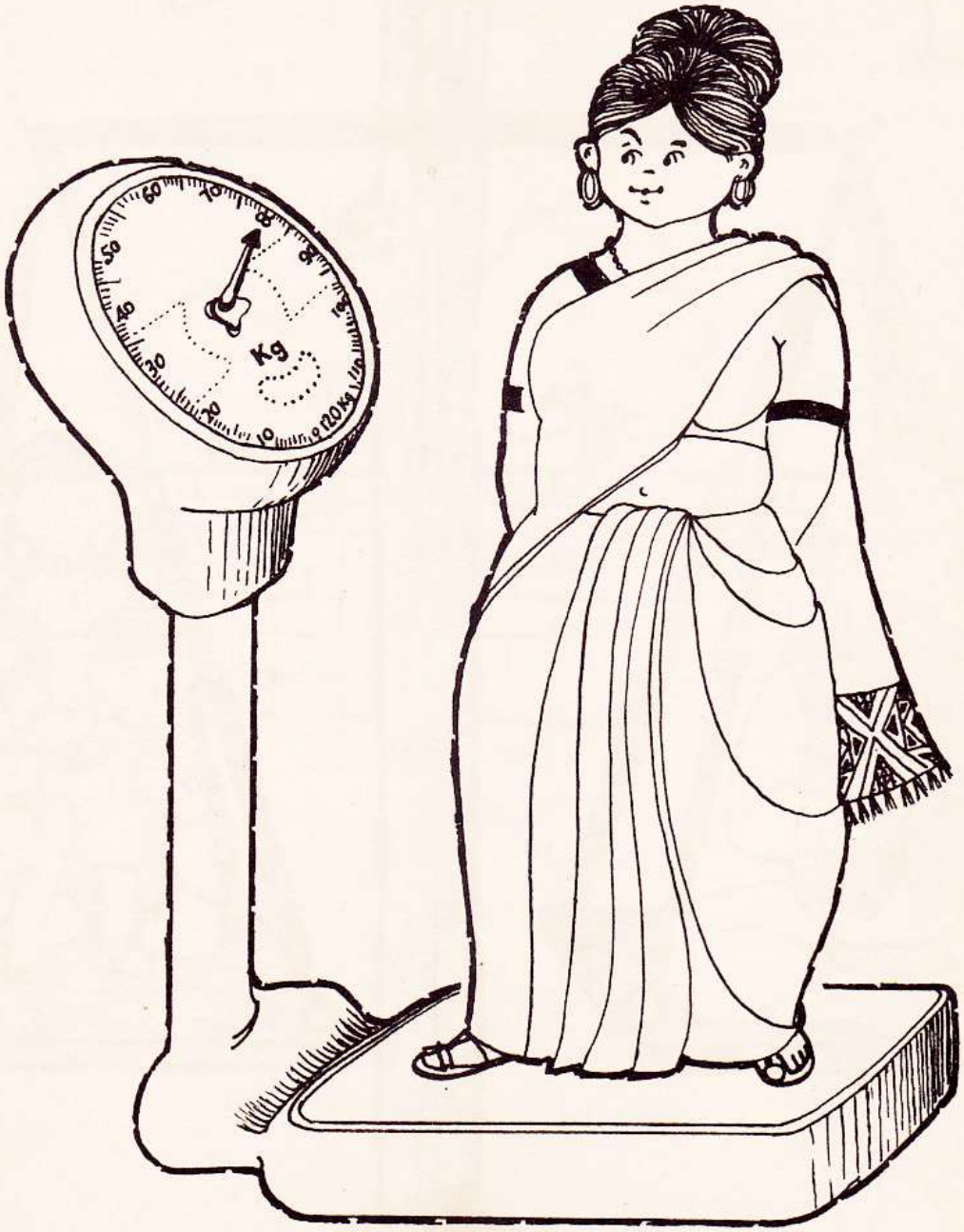
Measure the weight

Shantha has a new baby.
What does the baby weigh ?

The baby weighs ☐ units

Measure the weight

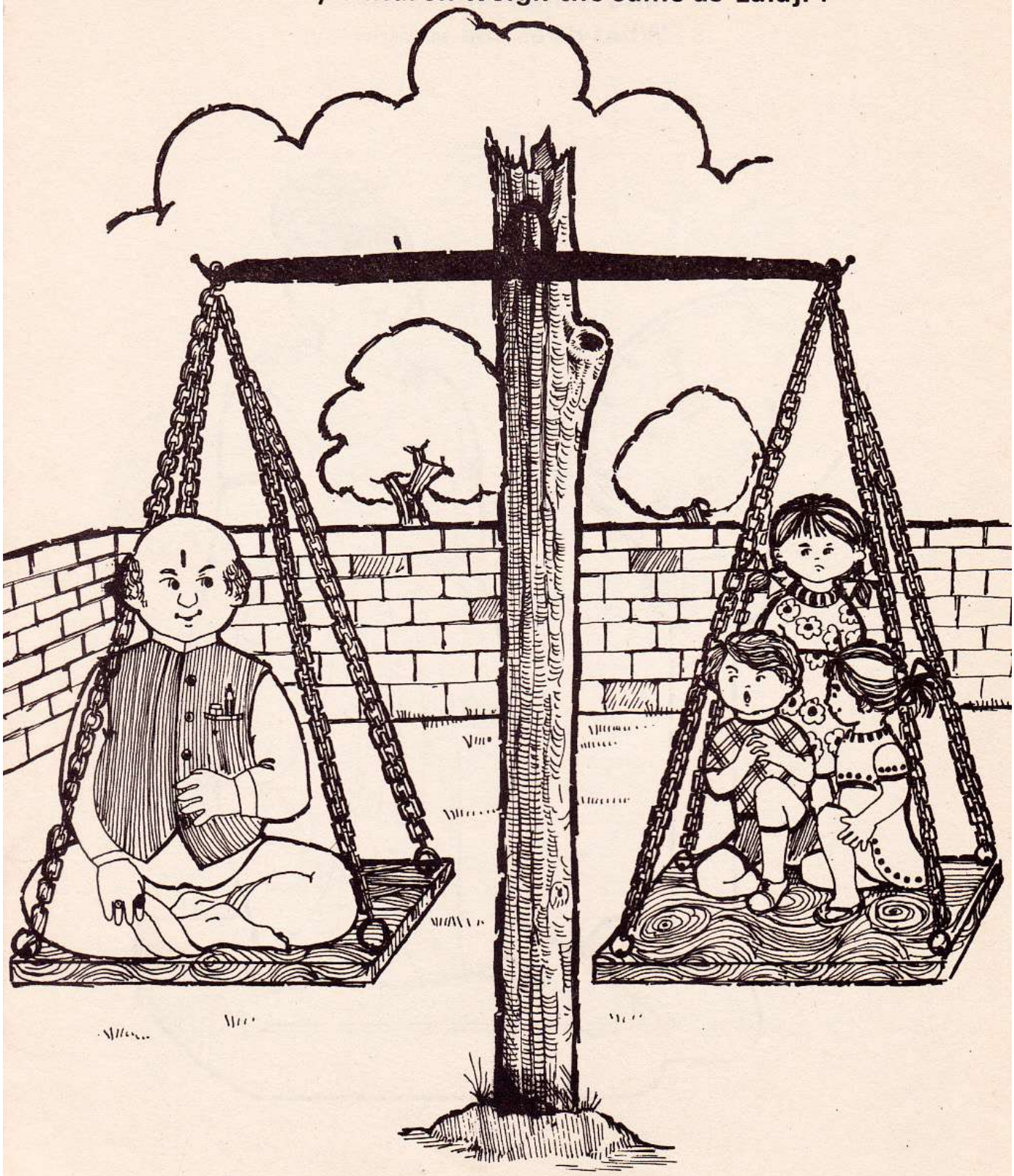
Mrs. Thingamni is fat.
What does she weigh ?



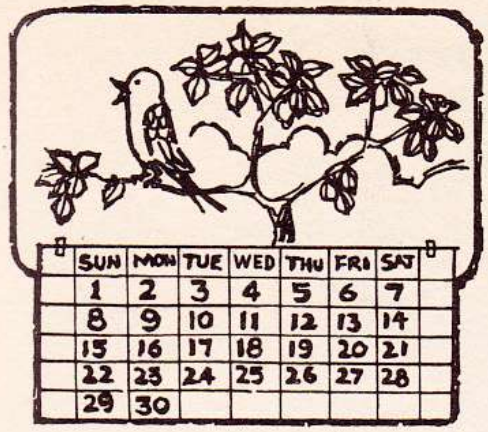
Mrs Thingamni weighs ☐ units.

Measure the weight

How many children weigh the same as Lalaji ?



It takes ☐ children to weigh the same as Lalaji.



Measure Time

What is this ?

C		L		N	D		R

What does it measure ?

Y			R	S

S			S		N	S

M		N	T	H	S

W			K	S

D		Y	S

Summer

Monsoon

Spring

Winter

Measure Time

What season is it ?

Fill in the box.

M		N	S			N

Measure Time

What season is it ?
Fill in the box.

W		N	T		R

Measure Time

What season is it ?

Fill in the box

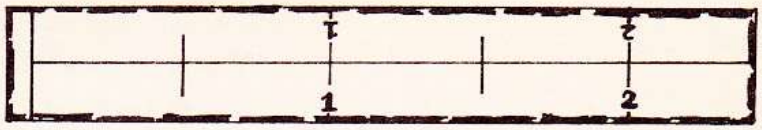
S	P	R		N	G

Measure Time

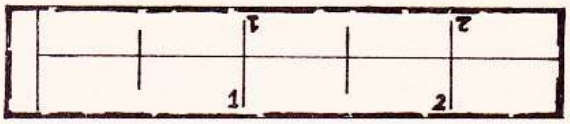
What season is it ?
Fill in the box.

S		M	M		R

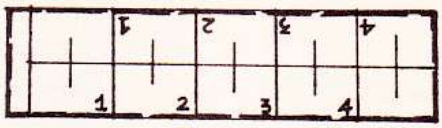
These are units.



An inch is a unit.
It measures length.



A centimetre is a unit.
It measures length.

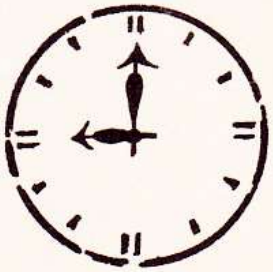


A metre is a unit.
It measures length.

A degree is a unit.
It measures temperature.

A kilo is a unit.
It measures weight.

An hour is a unit.
It measures time.



A day is a unit.
It measures time.

	SUN	MON	TUE	WED	THU	FRI	SAT	
	1	2	3	4	5	6	7	
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	
	29	30						

A unit is what we use to measure things.

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40-F, Second Floor
Connaught Place, New Delhi 110 001

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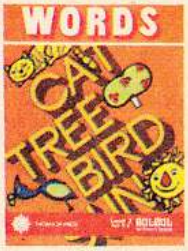
Level 1
Age: 4–5

Level 2
Age: 5–6



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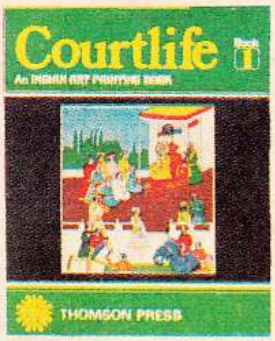

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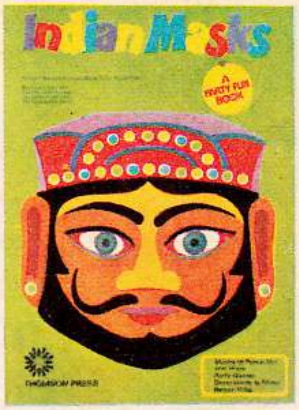

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